

## **THE STUDY OF MANUFACTURING DEFECTS OF CAPILLARY HEAT PIPES**

**A.V. Petrov<sup>1</sup>, V.A. Karachinov<sup>2</sup>, Y.V. Kiliba<sup>1</sup>, S.V. Ilin<sup>2</sup>, A.S. Ionov<sup>1</sup>, I.V. Romanov<sup>1</sup>**

<sup>1</sup>JSC "OKB Planeta" 173004, Veliky Novgorod,

st. Fedorov stream, 2/13 +7 (8162) 69 30 92, secretary@okbplaneta.ru

<sup>2</sup>Department of designing and technology of electronic equipment

NovSU Yaroslav the Wise 173003, Veliky Novgorod, ul. Bolshaya St. Petersburg, 41,

Vladimir.Karachinov@novsu.ru

### **Abstract**

**The report reflects the results of the development of software - hardware system with TV-measuring system, operating in the infrared - range. The analysis of defects arising during the industrial production of aluminum ammonia heat pipes. To test the software - hardware complex samples made of heat pipes, reproducing hidden defects.**